

o Flame retardant **polycarbonate** compositions with excellent heat and impact resistance and their molded products

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 PATENT ASSIGNEE(S): Idemitsu Petrochemical Co., Ltd., Japan  
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 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 2000119503	A2	20000425	JP 1998-294871	19981016
AB	The compns., useful for office automation machines, communication app., elec. appliances, etc., contain (20-100):(80-0)% <b>polycarbonate</b> -styrene polymer mixts. 100, red P 0.1-10, and functional group-contg. silicones 0.05-5 parts. Thus, a test piece comprising Toughlon A 1900 (bisphenol A <b>polycarbonate</b> ) 100, Novaexcel 140 (red P) 0.6, KC-89 (methoxy-contg. <b>polysiloxane</b> ) 0.5, and F 201L (PTFE) 0.3 part showed Izod impact strength 65 kJ/m2 and UL-94 rating V-0.				
ST	fire resistance <b>polycarbonate</b> elec part; red phosphorous methoxy <b>siloxane</b> PTFE <b>polycarbonate</b> ; HIPS <b>polycarbonate</b> core shell rubber blend				
IT	<b>Polysiloxanes</b> , uses RL: MOA (Modifier or additive use); USES (Uses) (KC 89; red P-contg. <b>polycarbonate</b> compns. for elec. app. with good fire and impact resistance)				
IT	Impact-resistant materials (fire-resistant; red P-contg. <b>polycarbonate</b> compns. for elec. app. with good fire and impact resistance)				
IT	Fire-resistant materials (impact-resistant; red P-contg. <b>polycarbonate</b> compns. for elec. app. with good fire and impact resistance)				
IT	Electric apparatus Fireproofing agents (red P-contg. <b>polycarbonate</b> compns. for elec. app. with good fire and impact resistance)				
IT	Fluoropolymers, uses RL: MOA (Modifier or additive use); USES (Uses) (red P-contg. <b>polycarbonate</b> compns. for elec. app. with good fire and impact resistance)				
IT	<b>Polycarbonates</b> , uses RL: POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); USES (Uses) (red P-contg. <b>polycarbonate</b> compns. for elec. app. with good fire and impact resistance)				
IT	Polymer blends RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses) (red P-contg. <b>polycarbonate</b> compns. for elec. app. with good fire and impact resistance)				
IT	100-42-5D, Styrene, polymers RL: POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); USES (Uses) (high-impact; red P-contg. <b>polycarbonate</b> compns. for elec. app. with good fire and impact resistance)				
IT	9002-84-0, F 201L 26403-67-8, KF 99 149718-92-3, Metablen S				